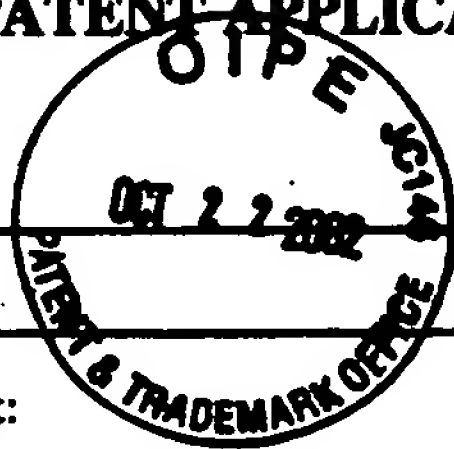


COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



ATTORNEY DOCKET NO.: 056100-5021-01

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

GENETIC INHIBITION BY DOUBLE-STRANDED RNA

the specification of which:

is attached hereto; or

was filed as United States application Serial No. 09/215,257 on December 18, 1998 and was amended on _____ (if applicable); or

was filed as PCT international application Number _____ on _____, as amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN APPLICATION(S):

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 056100-5021-01

I hereby claim the benefits under Title 35, United States Code §19(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE

60/068,562

December 23, 1997

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

Customer Number: 009629

Direct Telephone Calls To:
(name and telephone number)

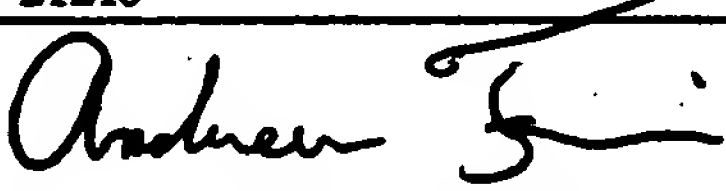
Paul N. Kokulis
202-739-5455

Combined Declaration For Patent Application and Power of Attorney - (Continued)

(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 056100-5021-01

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	Andrew Fire	
RESIDENCE & CITIZENSHIP	115 West University Parkway Baltimore, Maryland 21210	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	115 West University Parkway Baltimore, Maryland 21210	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE 9/5/02

FULL NAME OF SECOND INVENTOR	Stephen Kostas	
RESIDENCE & CITIZENSHIP	900 Fairway Drive Towson, Maryland 21286	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	900 Fairway Drive Towson, Maryland 21286	
SECOND INVENTOR'S SIGNATURE		DATE
FULL NAME OF THIRD INVENTOR	Mary Montgomery	
RESIDENCE & CITIZENSHIP	1600 Grand Avenue St. Paul, MN 55105	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	1600 Grand Avenue St. Paul, MN 55105	
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s)

☒ Yes

☐ No

Combined Declaration For Patent Application and Power of Attorney - (Continued)
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FULL NAME OF SOLE OR FOURTH INVENTOR	Lisa Timmons	
RESIDENCE & CITIZENSHIP	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	
FOURTH INVENTOR'S SIGNATURE		DATE

FULL NAME OF FIFTH INVENTOR	SiQun Xu	
RESIDENCE & CITIZENSHIP	1755 Warmington Court Ballwin, MO 63021	COUNTRY OF CITIZENSHIP China
POST OFFICE ADDRESS	1755 Warmington Court Ballwin, MO 63021	
FIFTH INVENTOR'S SIGNATURE		DATE

FULL NAME OF SIXTH INVENTOR	Hiroaki Tabara	
RESIDENCE & CITIZENSHIP	Yata 1, 111 Mishima, Shizuoka 411-8450 Japan	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	Yata 1, 111 Mishima, Shizuoka 411-8540 Japan	
SIXTH INVENTOR'S SIGNATURE		DATE

FULL NAME OF SEVENTH INVENTOR	Samuel E. Driver	
RESIDENCE & CITIZENSHIP	182 Adelaide Avenue #2 Providence, Rhode Island 02907	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	182 Adelaide Avenue #2 Providence, Rhode Island 02907	
SEVENTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF EIGHTH INVENTOR	Craig C. Mello	
RESIDENCE & CITIZENSHIP	19 Ryan Road Shrewsbury, MA 01545	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	19 Ryan Road Shrewsbury, MA 01545	
EIGHTH INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☐ Yes ☒ No

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 056100-5021-01

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U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE

60/068,562

December 23, 1997

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Customer Number: 009629

Direct Telephone Calls To:
(name and telephone number)

Paul N. Kokulis
202-739-5455

Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 056100-5021-01

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RESIDENCE & CITIZENSHIP	115 West University Parkway Baltimore, Maryland 21210	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	115 West University Parkway Baltimore, Maryland 21210	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE
FULL NAME OF SECOND INVENTOR	Stephen Kostas	
RESIDENCE & CITIZENSHIP	900 Fairway Drive Towson, Maryland 21286	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	900 Fairway Drive Towson, Maryland 21286	
SECOND INVENTOR'S SIGNATURE		DATE
FULL NAME OF THIRD INVENTOR	Mary Montgomery	
RESIDENCE & CITIZENSHIP	1600 Grand Avenue St. Paul, MN 55105	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	1600 Grand Avenue St. Paul, MN 55105	
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☒ Yes ☐ No

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FULL NAME OF SOLE
OR FOURTH INVENTOR

Lisa Timmons

RESIDENCE &
CITIZENSHIP

5041 Haworth Hall
1200 Sunnyside Avenue
Lawrence, Kansas 66045

COUNTRY OF
CITIZENSHIP
USA

POST OFFICE ADDRESS

5041 Haworth Hall
1200 Sunnyside Avenue
Lawrence, Kansas 66045

FOURTH INVENTOR'S SIGNATURE

Lisa Timmons

DATE

8-30-02

FULL NAME OF FIFTH
INVENTOR

SiQun Xu

RESIDENCE &
CITIZENSHIP

1755 Warmington Court
Ballwin, MO 63021

COUNTRY OF
CITIZENSHIP
China

POST OFFICE ADDRESS

1755 Warmington Court
Ballwin, MO 63021

FIFTH INVENTOR'S SIGNATURE

DATE

FULL NAME OF SIXTH
INVENTOR

Hiroaki Tabara

RESIDENCE &
CITIZENSHIP

Yata 1, 111
Mishima, Shizuoka 411-8450
Japan

COUNTRY OF
CITIZENSHIP
Japan

POST OFFICE ADDRESS

Yata 1, 111
Mishima, Shizuoka 411-8540
Japan

SIXTH INVENTOR'S SIGNATURE

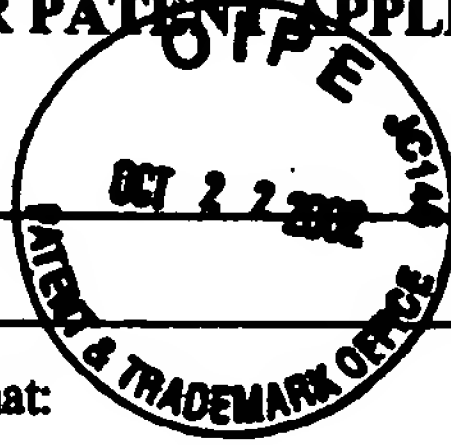
DATE

FULL NAME OF SEVENTH INVENTOR	Samuel E. Driver	
RESIDENCE & CITIZENSHIP	182 Adelaide Avenue #2 Providence, Rhode Island 02907	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	182 Adelaide Avenue #2 Providence, Rhode Island 02907	
SEVENTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF EIGHTH INVENTOR	Craig C. Mello	
RESIDENCE & CITIZENSHIP	19 Ryan Road Shrewsbury, MA 01545	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	19 Ryan Road Shrewsbury, MA 01545	
EIGHTH INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☐ Yes ☒ No

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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GENETIC INHIBITION BY DOUBLE-STRANDED RNA

the specification of which:

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PRIOR FOREIGN APPLICATION(S):

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Combined Declaration For Patent Application and Power of Attorney - (Continued)

(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 056100-5021-01

I hereby claim the benefits under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS**U.S. PROVISIONAL APPLICATION NO.****U.S. FILING DATE**

60/068,562

December 23, 1997

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

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U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

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(name and telephone number)

Paul N. Kokulis
202-739-5455

Combined Declaration For Patent Application and Power of Attorney - (Continued)

(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 056100-5021-01

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FULL NAME OF SOLE OR FIRST INVENTOR	Andrew Fire	
RESIDENCE & CITIZENSHIP	115 West University Parkway Baltimore, Maryland 21210	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	115 West University Parkway Baltimore, Maryland 21210	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE

FULL NAME OF SECOND INVENTOR	Stephen Kostas	
RESIDENCE & CITIZENSHIP	900 Fairway Drive Towson, Maryland 21286	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	900 Fairway Drive Towson, Maryland 21286	
SECOND INVENTOR'S SIGNATURE		DATE


FULL NAME OF THIRD INVENTOR	Mary Montgomery	
RESIDENCE & CITIZENSHIP	1600 Grand Avenue St. Paul, MN 55105	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	1600 Grand Avenue St. Paul, MN 55105	
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☒ Yes ☐ No

Combined Declaration For Patent Application and Power of Attorney - (Continued)
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FULL NAME OF SOLE OR FOURTH INVENTOR	Lisa Timmons	
RESIDENCE & CITIZENSHIP	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	
FOURTH INVENTOR'S SIGNATURE		DATE

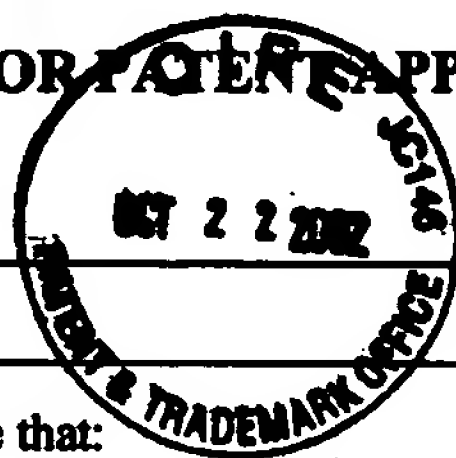
FULL NAME OF FIFTH INVENTOR	SiQun Xu	
RESIDENCE & CITIZENSHIP	1755 Warmington Court Ballwin, MO 63021	COUNTRY OF CITIZENSHIP China USA SX 8/26/2002
POST OFFICE ADDRESS	1755 Warmington Court Ballwin, MO 63021	
FIFTH INVENTOR'S SIGNATURE 		DATE 8/26/2002
FULL NAME OF SIXTH INVENTOR	Hiroaki Tabara	
RESIDENCE & CITIZENSHIP	Yata 1, 111 Mishima, Shizuoka 411-8450 Japan	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	Yata 1, 111 Mishima, Shizuoka 411-8540 Japan	
SIXTH INVENTOR'S SIGNATURE		DATE

FULL NAME OF SEVENTH INVENTOR	Samuel E. Driver	
RESIDENCE & CITIZENSHIP	182 Adelaide Avenue #2 Providence, Rhode Island 02907	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	182 Adelaide Avenue #2 Providence, Rhode Island 02907	
SEVENTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF EIGHTH INVENTOR	Craig C. Mello	
RESIDENCE & CITIZENSHIP	19 Ryan Road Shrewsbury, MA 01545	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	19 Ryan Road Shrewsbury, MA 01545	
EIGHTH INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☐ Yes ☒ No

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Combined Declaration For Patent Application and Power of Attorney - (Continued)
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POST OFFICE ADDRESS	900 Fairway Drive Towson, Maryland 21286	
SECOND INVENTOR'S SIGNATURE		DATE

FULL NAME OF THIRD INVENTOR	Mary Montgomery	
RESIDENCE & CITIZENSHIP	1600 Grand Avenue St. Paul, MN 55105	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	1600 Grand Avenue St. Paul, MN 55105	
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☒ Yes ☐ No

Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 056100-5021-01

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FULL NAME OF SOLE OR FOURTH INVENTOR	Lisa Timmons	
RESIDENCE & CITIZENSHIP	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	
FOURTH INVENTOR'S SIGNATURE		DATE

FULL NAME OF FIFTH INVENTOR	SiQun Xu	
RESIDENCE & CITIZENSHIP	1755 Warmington Court Ballwin, MO 63021	COUNTRY OF CITIZENSHIP China
POST OFFICE ADDRESS	1755 Warmington Court Ballwin, MO 63021	
FIFTH INVENTOR'S SIGNATURE		DATE

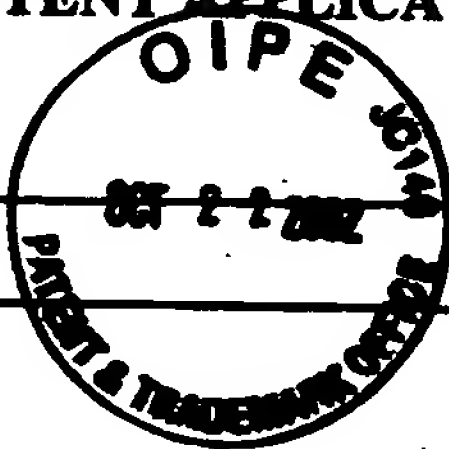
FULL NAME OF SIXTH INVENTOR	Hiroaki Tabara	
RESIDENCE & CITIZENSHIP	Yata 1, 111 Mishima, Shizuoka 411- 8490 Japan 8540 (H.T. 2 Sept 2002)	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	Yata 1, 111 Mishima, Shizuoka 411-8540 Japan	
SIXTH INVENTOR'S SIGNATURE <i>Hiroaki Tabara</i>		DATE 2 Sept. 2002

FULL NAME OF SEVENTH INVENTOR	Samuel E. Driver	
RESIDENCE & CITIZENSHIP	182 Adelaide Avenue #2 Providence, Rhode Island 02907	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	182 Adelaide Avenue #2 Providence, Rhode Island 02907	
SEVENTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF EIGHTH INVENTOR	Craig C. Mello	
RESIDENCE & CITIZENSHIP	19 Ryan Road Shrewsbury, MA 01545	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	19 Ryan Road Shrewsbury, MA 01545	
EIGHTH INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☐ Yes ☒ No

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



ATTORNEY DOCKET NO.: 056100-5021-01

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

GENETIC INHIBITION BY DOUBLE-STRANDED RNA

the specification of which:

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COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
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Combined Declaration For Patent Application and Power of Attorney - (Continued)
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U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE

60/068,562

December 23, 1997

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U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

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Customer Number: 009629

Direct Telephone Calls To:
(name and telephone number)

Paul N. Kokulis
202-739-5455

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RESIDENCE & CITIZENSHIP	115 West University Parkway Baltimore, Maryland 21210	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	115 West University Parkway Baltimore, Maryland 21210	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE
FULL NAME OF SECOND INVENTOR	Stephen Kostas	
RESIDENCE & CITIZENSHIP	900 Fairway Drive Towson, Maryland 21286	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	900 Fairway Drive Towson, Maryland 21286	
SECOND INVENTOR'S SIGNATURE		DATE
FULL NAME OF THIRD INVENTOR	Mary Montgomery	
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POST OFFICE ADDRESS	1600 Grand Avenue St. Paul, MN 55105	
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☒ Yes ☐ No

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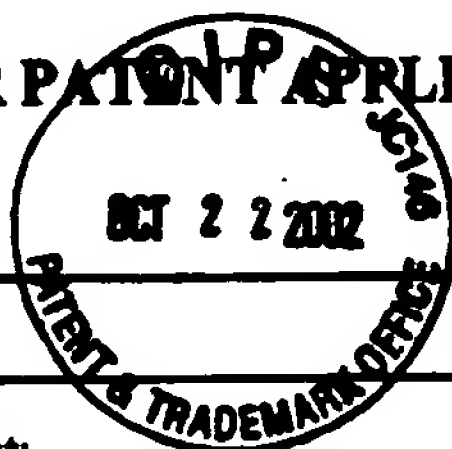
FULL NAME OF SOLE OR FOURTH INVENTOR	Lisa Timmons	
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POST OFFICE ADDRESS	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	
FOURTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF FIFTH INVENTOR	SiQun Xu	
RESIDENCE & CITIZENSHIP	1755 Warmington Court Ballwin, MO 63021	COUNTRY OF CITIZENSHIP China
POST OFFICE ADDRESS	1755 Warmington Court Ballwin, MO 63021	
FIFTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF SIXTH INVENTOR	Hiroaki Tabara	
RESIDENCE & CITIZENSHIP	Yata I, III Mishima, Shizuoka 411-8450 Japan	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	Yata I, III Mishima, Shizuoka 411-8540 Japan	
SIXTH INVENTOR'S SIGNATURE		DATE

FULL NAME OF SEVENTH INVENTOR	Samuel E. Driver	
RESIDENCE & CITIZENSHIP	182 Adelaide Avenue #2 Providence, Rhode Island 02907	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	182 Adelaide Avenue #2 Providence, Rhode Island 02907	
SEVENTH INVENTOR'S SIGNATURE <i>Samuel E. Driver</i>		DATE <i>9/4/02</i>
FULL NAME OF EIGHTH INVENTOR	Craig C. Mello	
RESIDENCE & CITIZENSHIP	19 Ryan Road Shrewsbury, MA 01545	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	19 Ryan Road Shrewsbury, MA 01545	
EIGHTH INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☐ Yes ☒ No

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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Combined Declaration For Patent Application and Power of Attorney - (Continued)
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U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE

60/068,562

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U.S. APPLICATIONS		STATUS (Check One)		
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Direct Telephone Calls To:
(name and telephone number)

Paul N. Kokulis
202-739-5455

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FULL NAME OF SOLE OR FIRST INVENTOR	Andrew Fire	
RESIDENCE & CITIZENSHIP	115 West University Parkway Baltimore, Maryland 21210	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	115 West University Parkway Baltimore, Maryland 21210	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE

FULL NAME OF SECOND INVENTOR	Stephen Kostas	
RESIDENCE & CITIZENSHIP	900 Fairway Drive Towson, Maryland 21286	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	900 Fairway Drive Towson, Maryland 21286	
SECOND INVENTOR'S SIGNATURE		DATE

FULL NAME OF THIRD INVENTOR	Mary Montgomery	
RESIDENCE & CITIZENSHIP	1600 Grand Avenue St. Paul, MN 55105	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	1600 Grand Avenue St. Paul, MN 55105	
THIRD INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) ☒ Yes ☐ No

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FULL NAME OF SOLE OR FOURTH INVENTOR	Lisa Timmons	
RESIDENCE & CITIZENSHIP	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	5041 Haworth Hall 1200 Sunnyside Avenue Lawrence, Kansas 66045	


FOURTH INVENTOR'S SIGNATURE	DATE
------------------------------------	-------------

FULL NAME OF FIFTH INVENTOR	SiQun Xu	
RESIDENCE & CITIZENSHIP	1755 Warmington Court Ballwin, MO 63021	COUNTRY OF CITIZENSHIP China
POST OFFICE ADDRESS	1755 Warmington Court Ballwin, MO 63021	

FIFTH INVENTOR'S SIGNATURE	DATE
-----------------------------------	-------------

FULL NAME OF SIXTH INVENTOR	Hiroaki Tabara	
RESIDENCE & CITIZENSHIP	Yata 1, 111 Mishima, Shizuoka 411-8450 Japan	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	Yata 1, 111 Mishima, Shizuoka 411-8540 Japan	

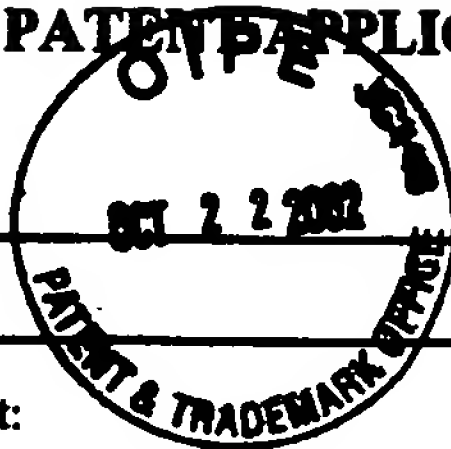
SIXTH INVENTOR'S SIGNATURE	DATE
-----------------------------------	-------------

FULL NAME OF SEVENTH INVENTOR	Samuel E. Driver	
RESIDENCE & CITIZENSHIP	182 Adelaide Avenue #2 Providence, Rhode Island 02907	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	182 Adelaide Avenue #2 Providence, Rhode Island 02907	
SEVENTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF EIGHTH INVENTOR	Craig C. Mello	
RESIDENCE & CITIZENSHIP	19 Ryan Road Shrewsbury, MA 01545	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	19 Ryan Road Shrewsbury, MA 01545	
EIGHTH INVENTOR'S SIGNATURE 		DATE 9/9/02

Listing of Inventors Continued on attached page(s) ☐ Yes ☒ No

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE
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Combined Declaration For Patent Application and Power of Attorney - (Continued)
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U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE

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RESIDENCE & CITIZENSHIP	1600 Grand Avenue St. Paul, MN 55105	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	1600 Grand Avenue St. Paul, MN 55105	
THIRD INVENTOR'S SIGNATURE <i>Mary K. Montgomery</i>		DATE <i>10/3/02</i>

Listing of Inventors Continued on attached page(s) ☒ Yes ☐ No

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FULL NAME OF FIFTH INVENTOR	SiQun Xu	
RESIDENCE & CITIZENSHIP	1755 Warmington Court Ballwin, MO 63021	COUNTRY OF CITIZENSHIP China
POST OFFICE ADDRESS	1755 Warmington Court Ballwin, MO 63021	
FIFTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF SIXTH INVENTOR	Hiroaki Tabara	
RESIDENCE & CITIZENSHIP	Yata 1, 111 Mishima, Shizuoka 411-8450 Japan	COUNTRY OF CITIZENSHIP Japan
POST OFFICE ADDRESS	Yata 1, 111 Mishima, Shizuoka 411-8540 Japan	
SIXTH INVENTOR'S SIGNATURE		DATE

FULL NAME OF SEVENTH INVENTOR	Samuel E. Driver	
RESIDENCE & CITIZENSHIP	182 Adelaide Avenue #2 Providence, Rhode Island 02907	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	182 Adelaide Avenue #2 Providence, Rhode Island 02907	
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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OCT 22 2002

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60/068,562

December 23, 1997

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

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Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 056100-5021-01

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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